

Comparisons of Job Characteristics

Focus Occupation: Fishers and Related Fishing Workers (45-3011)

Associated Occupation: Captains, Mates, and Pilots of Water Vessels (53-5021)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 39

Focus Occupation: Fishers and Related Fishing Workers (45-3011)

Associated Occupation: Captains, Mates, and Pilots of Water Vessels (53-5021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Transportation	4.6	16.0	10.0	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	13.4	7.3	<<	Extensive education and/or training may be required
Geography	3.9	12.5	9.2	<<	Extensive education and/or training may be required
Telecommunications	3.9	8.2	6.8	<	Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Fishers and Related Fishing Workers (45-3011)

Associated Occupation: Captains, Mates, and Pilots of Water Vessels (53-5021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation and Control	5.4	14.0	9.0	<<	Extensive development of skills in this area may be required
Operation Monitoring	6.6	13.0	8.4	<<	Extensive development of skills in this area may be required
Monitoring	9.9	12.1	7.9	<<	Extensive development of skills in this area may be required
Coordination	9.1	11.4	8.1	<<	Extensive development of skills in this area may be required
Management of Personnel Resources	6.9	10.0	8.1	<	A higher skill level may be required
Troubleshooting	4.5	7.9	6.9	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 52			
Focus Occupation: Fishers and Related Fishing Workers (45-3011) Associated Occupation: Captains, Mates, and Pilots of Water Vessels (53-5021)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Far Vision	7.8	15.9	10.6	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	13.4	7.8	<<	Extensive improvement in abilities may be required
Depth Perception	5.3	12.2	9.5	<<	Extensive improvement in abilities may be required
Selective Attention	8.7	11.9	8.6	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	11.6	8.0	<<	Extensive improvement in abilities may be required
Time Sharing	6.6	10.6	7.1	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	8.3	5.1	<<	Extensive improvement in abilities may be required
Night Vision	2.1	7.8	4.5	<<	Extensive improvement in abilities may be required
Sound Localization	2.2	6.0	4.4	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 83
Focus Occupation: Fishers and Related Fishing Workers (45-3011) Associated Occupation: Captains, Mates, and Pilots of Water Vessels (53-5021)		
Work Activities	Exclusivity of Activity	
Operate boat or towing equipment	95	
Signal directions or warnings to coworkers	42	
Stand watch on vessel	92	
Steer boat or ship	92	
Use knowledge of seamanship or boat handling	92	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Fishers and Related Fishing Workers (45-3011)

Associated Occupation: Captains, Mates, and Pilots of Water Vessels (53-5021)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.